PENTAX

PENTAX ESPIO 140V

PENTAX ESPIO 140V QUARTZ DATE

OPERATING MANUAL

日本語 J
English E
Français F
Español S
Deutsch D
Nederlands Nl
Italiano I
Português P
中國語 C

57240

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PENTAX CE

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J 日本語

このたびは、ペンタックスESPIO140V(エスピオ140V)デートをお買い上げいただきまして、誠にありがとうございます。
「エスピオ140V」は、38ミリ広角から140ミリまでの撮影が可能なズームコンパクトカメラです。
・ カメラの正しい操作のため、ご使用前に必ずこの使用説明書をご覧ください。
・ カメラを安全にお使いいただくために、ご使用前に「ペンタックス安全使用ガイド」もお読みください。
・ 本文中のイラストは、実際の製品と異なる場合があります。

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主な仕様

形式
ズームレンズ内蔵フルオート35mmレンズシャッターカメラ
使用フィルム
35mmDXフィルム専用[135パトローネ入り]
ISO25～3200自動感度セット[1EVステップ]
DX以外=ISO25固定
画面サイズ
24x36mm
フィルム入れ
オートローディング、裏ぶた閉じにより1枚目まで自動巻き上げ
巻き上げ
自動巻き上げ式
巻き戻し
フィルム終了時自動巻き戻し式
[巻き戻し時間: 24枚撮りフィルムで約25秒]
巻き戻し終了時自動停止、途中巻き戻し可能
撮影枚数
自動復元順算式、巻き戻しに連動 [減算]
外部表示
表示パネルにLCD液晶表示
レンズ
38～140mm F5.8～11.8 6群8枚
対角線画角59°～17.5°
ピント合わせ
パッシブ5点AF方式
遠景撮影モード、SPOT AF、フォーカスロック付き、ストロボ補助光あり
撮影距離0.8m～∞（広角側）1.15m～∞（望遠側）
ズームマクロ付
最大撮影倍率: 0.12倍(A4判相当)]
ズーミング
電動式
シャッター
電子式=1/360～2秒、電磁レリーズ式
セルフタイマー
電子式ランプ表示、作動時間約10秒、作動後の解除可能
ファインダー
実像式ズームファインダー、視野率80%、
[倍率] 0.44倍 (広角側) 1.49倍 (望遠側)、
視度調整付き－3～＋1m⁻¹ [毎メートル]、
オートフォーカスフレーム、視野枠、
近距離視野補正枠
緑ランプ 点灯: 撮影可能
点滅: 測距不能・近距離警告
赤ランプ 点灯: ストロボ発光可
点滅: ストロボ充電中
露出
プログラム式自動露出 (逆光時自動補正機能付)
連動範囲 [ISO400使用時]
オート・日中シンクロ時EV10.5～17.5 (広角側)、
EV14～19 (望遠側)
低速シャッター撮影時EV6～17.5 (広角側)、
EV6～19 (望遠側)
露出計スイッチ
シャッターボタン
ストロボ
ズームオートストロボ内蔵 [赤目軽減機能付き]、
オート=低輝度、逆光時自動発光
ストロボON= 日中シンクロ
低速シンクロ[2秒まで使用可能]
近距離時ソフト発光機能あり
ストロボ撮影範囲 [ISO400使用時]:
0.8～6.2m (広角側)、1.15～3.6m (望遠側)
ストロボ充電時間
約5秒 [当社試験条件による]
デート機構
クォーツ制御・液晶表示式デジタル時計、
オートカレンダー[西暦2100年まで、閏年は自動修正]
データ写し込み方法
フィルム前面からの写し込み
データの種類
①年・月・日 ②日・時・分
③-- -- --(写し込み無し) ④月・日・年
⑤日・月・年
電源
3Vリチウム電池 [CR123A] 1本使用
撮影可能本数
24枚撮りフィルム使用時 約14本 [ストロボ50%使用、当社試験条件による]
電池消耗警告
表示パネルに()が点灯・点滅時シャッターロック
大きさ・質量[重さ]
120.5[幅]×60.5[高さ]×42[厚み] mm (小突起部を除く)、210g [電池別]
リモコン
赤外線リモートコントロール、
リモコンシャッターボタン押しで約3秒後撮影、
作動距離=カメラ前面約5m以内
リモコン電源
リチウム電池 [CR1620] 1個
リモコン大きさ・質量[重さ]
22 [幅]×53 [長]×6.5 [厚] mm、7g [電池含む]
付属品
ストラップE0、ソフトケースCE-12、リモコンF

製品の仕様および外観の一部は、予告なく変更することがあります。

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1 各部の名称

❶ レンズプロテクター
❷ シャッターボタン
❸ セルフ/AFボタン
❹ ストロボボタン
❺ 表示パネル
❻ 視度調整レバー
❼ デートボタン
❽ ストロボ発光部
❾ ファインダー窓
❿ レンズ
⓫ リモコン受光窓
⓬ 受光窓
⓭ 測距窓
⓮ セルフタイマーランプ
⓯ ストラップ通し
⓰ ファインダー接眼窓
⓱ 緑ランプ
⓲ 赤ランプ
⓳ ズームボタン
⓴ フィルム情報窓
㉑ 電池ぶた
㉒ 裏ぶた
㉓ 三脚ネジ穴
㉔ 途中巻き戻しボタン
㉕ 裏ぶた開放レバー

2 ストラップ取付け

図のようにストラップを通します。
※ ストラップの突起部分Ⓐはフィルム途中巻き戻し及びデートの切り換え、修正のときにご利用ください。

3 電池の交換

電池は、予めカメラにセットされていますが、が点灯し、バッテリーが消耗している場合は、電池ぶたを図のようにずらして開き古い電池を取り出し、ラベルの表示に合わせ、＋側を上にして、電池を入れてください。
3Vリチウム電池(CR123A)
日付と時刻をセットしてください。
(5日付や時刻の写し込みについて参照)

4 使い方は簡単です。

[通常の撮影手順]
1 裏ぶたを開けてください。
2 フィルムを入れてください。
フィルムの先端を引き出し、❶のフィルム先端マーク[FILM ⏷]に合わせます。
フィルム検知部❷にゴミ等が付着しますと、フィルムが正しく巻上げられません。
3 裏ぶたを閉めてください。フィルムは自動的に一枚目まで進みます。
"E"マークが点滅した場合はもう一度正しく入れ直してください。
4 レンズプロテクターを開けると電源が入ります。
レンズプロテクターを開けると、レンズが少し前に出ます。
5 視度調整レバーを左右に動かし、ファインダー内のオートフォーカスフレームが最もはっきり見えるようにし、ズームボタンで被写体の大きさを変えます。
6 シャッターボタン半押しでファインダー右の緑ランプが点灯したら、シャッターボタンを押しきって撮影してください。暗い所では赤ランプが点灯し自動的にストロボが光ります。
7 フィルムの最後まで撮り終わると、自動的に巻き戻しが始まります。
8 "0"が点滅している事を確認して、フィルムを取り出してください。
● 電源ONのまま約3分間放置すると、レンズの焦点距離が38mmの位置になります。(フィルム巻き戻し時も同様です。)

E English

Congratulations on your purchase of the PENTAX ESPIO140V/140V DATE and welcome to the world of Pentax zoom compact photography!
Your compact, light weight camera is a great companion to preserve your favorite memories.
- Please read this manual carefully before operating the camera to ensure you understand the features and capabilities of this camera.
- Please read the Pentax User's Safety Guide before using the camera for safe operation.
- The illustrations used in this manual may differ from the camera's actual appearance.
- Illustrations in this operating manual are for the DATE model.

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SPECIFICATIONS

Type:
35 mm fully automatic lens-shutter with built-in zoom lens and auto flash
Film:
Auto film speed setting with 35 mm perforated DX-coded film with ISO rating from 25-3200 (1EVstep), Non-DX coded films are set to ISO 25
Format:
24 × 36 mm
Film loading:
Auto film loading. Closing the back cover will automatically wind the film to first frame.
Film winding:
Auto film winding.
Film rewinding:
Auto film rewinding at the end of roll.
Auto stop upon completion of rewinding. Rewinding time: approx. 25 sec. with 24-exposure film.
Rewinding in mid-roll provided.
Frame number:
Automatic readout of successive frame numbers in ascending order when shooting, and descending order when rewinding.
External Display:
LCD (Liquid Crystal Display)
Lens:
38-140mm f/5.8-11.8, 8 elements in 6 groups,
Angle of view: 59˚-17.5˚
Focusing system:
Pentax phase-matching passive 5 point autofocus.
Landscape mode, Spot AF, AF illuminator, Focus lock, Autofocusing range: 0.8m (2.62ft) – ∞ at Wide-angle and 1.15 m (3.77 ft) – ∞ at Telephoto Macro zoom mode
Maximum magnification: approx. 0.12 × (Equivalent to A4 size)
Zooming:
Electronic zoom
Shutter:
Programmed AE electronic shutter with speed approx. 1/360-2 sec.
Electromagnetic release.
Self-timer:
LED lamp indication. Delay time approx. 10 sec.
Cancellation after activation is possible.
Viewfinder:
Actual image zoom viewfinder.
80% field of view.
Magnification: 0.44 × (WIDE) - 1.49 × (TELE)
Diopter adjustment range: $-3m^{-1}$ – $+1m^{-1}$ (per meter)
Frame: Autofocus frame, Picture frame, Close distance compensation frame
Green lamp lit: in-focus,
Green light blinks: out of focus or hard-to-autofocus subject.
Red lamp lit: Flash is charged,
Red lamp blinks:Flash is charging.
Exposure control:
Programmed AE control
(AE compensation in a back light situation)
Range: EV 10.5–17.5 at WIDE, EV 14–19 at TELE in Auto or Daylight-Sync mode (ISO 400).
EV6-EV17.5 at WIDE, EV6-EV19 at TELE in Slow Shutter Speed mode (ISO 400)
Exposure meter switch: shutter release button
Flash:
Built-in zoom flash with red-eye reduction,
Automatic flash discharge in low light and back light situations in Auto mode,
Flash ON=Day-light Sync,
Slow Shutter Speed Sync. (up to 2 sec.)
Automatic soft flash discharge at close-up distance.
Flash effective range:
0.8-6.2 m (1-22.3 ft) (WIDE), 1.15–3.6 m (1.64-9.84 ft) (TELE) (ISO 400 film used).
Flash recycling time:
Approx. 5 sec.(under Pentax testing conditions.)
Date module:
Crystal quartz controlled LCD digital clock,
auto calendar up to the year 2100.
Date imprint from the front side of film.
Imprinting mode:
① "Year, Month, Day", ② "Day, Hour, Minute",
③ "------" (no imprint), ④ "Month, Day, Year"
⑤ "Day, Month, Year".
Power source:
One 3V lithium battery (CR123A or equivalent)
Battery life:
Approx. 14 rolls of 24-Exposure film when 50% of shooting uses flash (under Pentax testing conditions)
Battery exhaustion warning:
() appears on the LCD panel,
Shutter is locked when () is blinking.
Size & Weight:
120.5(W) × 60.5(H) × 42(D) mm (4.8" × 2.4" × 1.7")
210g (6.9 oz) without battery
Optional Remote control:
Infrared remote control unit releases the shutter 3 seconds after the shutter button on the unit is pressed. Works up to 5 meters from the front of the camera.

SPECIFICATIONS AND EXTERNAL DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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1 NAMES OF WORKING PARTS

❶ Lens protector
❷ Shutter release button
❸ AF/Self-timer button
❹ Flash button
❺ LCD panel
❻ Diopter adjustment lever
❼ Date button
❽ Built-in flash
❾ Viewfinder window
❿ Lens
⓫ Remote control receiver
⓬ Light sensor window
⓭ Autofocus window
⓮ Self-timer lamp
⓯ Strap lug
⓰ Viewfinder eyepiece
⓱ Green lamp
⓲ Red lamp
⓳ Zoom button
⓴ Film information window
㉑ Battery chamber cover
㉒ Back cover
㉓ Tripod socket
㉔ Mid-roll rewind button
㉕ Back cover release lever

2 STRAP ATTACHMENT

Fit the strap on the camera as illustrated.
* Protrusion Ⓐ can be used for pushing the mid-roll rewind button and the date button.

3 INSTALLING A BATTERY

Insert the battery with the plus (+) side up in accordance with the indication label in the battery chamber.
Use one 3V Lithium Battery (CR123A or the equivalent)
For DATE model, setting the date and time.
Refer to the section 5 **IMPRINTING DATE/TIME**.

4 BASIC OPERATION

1 **Open the back cover.**
2 **Load the film. Pull out the film leader end to reach the [FILM ⏷] mark ❶.**
If there is dirt on the film detector ❷, the film cannot be wound properly.
3 **Close the back cover.**
The film automatically advances to the first frame.
If "E" blinks on the LCD panel, repeat step 1-3 to load the film properly.
4 **Open the lens protector to turn the switch ON.**
5 **Adjust the focus frame in the middle of the viewfinder to optimum clarity by diopter adjustment lever.**
Compose your subject by using the zoom button and focus on the subject within the autofocus frame.
6 **Press the shutter release button halfway down to confirm the focus with green lamp lights on, and press the shutter release button completely to take a picture. The flash automatically discharges in low light.**
7 **The film will be rewound automatically after you have exposed the last frame of the roll.**
8 **Unload the film after confirm "0" blinks on the LCD panel.**

- When the lens protector is opened, the lens slightly extends.
- When the camera is left unused for 3 minutes with the power on, the zoom lens automatically retracts to 38 mm to prevent it from damage.
- When the camera is unused for 5 minutes in the remote control mode, the zoom lens will be retracted to 38 mm position and cancel the remote control mode.

ISO	38mm(♣♣♣)	140mm(♣)
25	0.8-1.6m(2.6-5.1 ft)	-------
50	0.8-2.2m(2.6-7.2 ft)	1.15-1.3m(3.8-4.2 ft)
100	0.8-3.1m(2.6-10.0 ft)	1.15-1.8m(3.8-5.9 ft)
200	0.8-4.4m(2.6-14.0 ft)	1.15-2.5m(3.8-8.3 ft)
400	0.8-6.2m(2.6-20.0 ft)	1.15-3.6m(3.8-12.0 ft)
800	0.8-8.8m(2.6-29.0 ft)	1.15-5.1m(3.8-17.0 ft)
1600	0.8-12.5m(2.6-41.0 ft)	1.15-7.2m(3.8-24.0 ft)
3200	0.8-17.5m(2.6-58.0 ft)	1.15-10.0m(3.8-33.0 ft)

[ネガカラーフィルム使用時]
(Color negative film used)
(Utilisation d'un film négatif couleur)
(Cuando se utiliza película de negativo en color)
(Bei Farbnegativfilm)
(Bij gebruik van kleurnegatieffilm.)
(Usando pellicola per negativi a colori)
(Filme negativo colorido usado.)
（使用彩色負片。）

E English

5 IMPRINTING DATE/TIME (DATE model only)

Selecting the Mode
Press the DATE button Ⓐ to change the mode as shown in Fig. 5

Year Month Day
↓
Day Hour Minute
↓
-- -- -- (No imprinting)
↓
Month Day Year
↓
Day Month Year

Correcting the date and time
1 Press the Date button Ⓐ for 3 seconds, the "Year" digits and (▭) will blink.
2 Each time the Date button Ⓐ is pressed, the blinking digits change in the following manner: Year → Month → Day → Hour → Minute, stop pressing the button when the desired digits appear to be corrected.
3 Press the Zoom button Ⓑ to change the blinking digits.
4 Repeat 2. and 3. to change the date and time.
5 After adjusted all, press the DATE button Ⓐ until blinking stops.

Note:
- 'M' above the digit indicates 'Month'.
- When the battery cover is opened or a new battery is installed, the time is set to 0:00 and no inprinting mode.

6 VIEWFINDER DISPLAYS

❶ **Autofocus frame**
Focuses on the subject within this frame
ⓐ Multi AF at wide and Spot AF
ⓑ Multi AF at telephoto

❷ **Picture area**
When taking normal pictures, compose your subject within this frame.

❸ **Close distance compensation frame**
When the camera-to-subject distance is less than 1.4 m, compose your subject within this frame.

7 LAMP INDICATIONS

❶ **Green lamp (Autofocus status)**
Lights up: The subject is in focus.
Blinks: The subject is out of focus.
The distance is too close.
Difficult subject matter for the autofocus.

❷ **Red lamp (Flash status)**
Lights up: Flash is charged.
Ready to take a picture.
Blinks: Flash is charging.

AF illuminator:
When the shutter release button is pressed halfway down in low light condition, the flash discharges to provide illumination, making it easy for the autofocus to work.

8 FLASH SHOOTING

8-1. Flash effective ranges

9 REWINDING THE FILM IN MID-ROLL

Depress the mid-roll rewind button (⏪) with the protruding part Ⓐ of the strap clamp.
Check that "0" is blinking before removing the film from the camera.

10 TAKING PICTURES WITH VARIOUS EXPOSURE MODES

10-1. EXPOSURE MODES
Open the lens protector and press the AF/Self-timer button (◷ AF) to select exposure mode.

1. **Single-frame photography (no icon displayed)**
This mode is set by simply opening the lens protector.
Even if the shutter release button is held down, only one picture is taken.
2. **Self-timer photography (◷)**
Use of a tripod is recommended.
The picture will be taken 10 seconds after the shutter button is pressed.
Press the shutter release button halfway down, confirm the green lamp is lit and press the shutter release button fully.
The self-timer is engaged and the self-timer lamp lights. The picture will be taken approximately 3 seconds after the self-timer lamp starts to blink.
To cancel the operation before it is completed, press the Self/AF button (◷ AF).
3. **Remote control photography (▯) (Using optional remote control unit)**
The self-timer lamp blinks slowly and the camera is in remote control mode.
Press the shutter release on the remote control unit. The self-timer lamp will blink rapidly and the picture will be taken after approximately 3 seconds.
4. **Infinity-Landscape photography (▲)**
Use this mode to take a distant landscape or distant subject through a window.
5. **Spot AF mode (SPOT AF)**
Use this mode to focus on a specific subject. Focus on the subject with the center of the AF frame.
   - Closing the lens protector cancels the mode and returns the camera to single-frame mode.

10-2. FLASH/RED-EYE REDUCTION FLASH AND SLOW SHUTTER SPEED MODES
Open the lens protector and press the Flash button (ϟ) to select flash mode.

1. **Auto flash (Normal mode)(no icon displayed)**
The flash will automatically discharge in low light and back light conditions.
2. **Auto/Red-eye reduction flash (◉)**
Normal mode with red-eye flash discharges.
3. **Auto mode/Daylight flash ON (ϟ)**
The flash will always discharge in both bright and dark conditions.
This mode can be used when a portrait is taken in a back light situation or as a fill-in flash in daylight.
4. **Slow shutter speed with flash OFF (◪ ⓧ)**
The flash will not discharge and the picture is taken at a slow speed of up to 2 seconds.
Use the mode in places where flash photography is prohibited or for a natural exciting light effect at night or indoors.
5. **Slow shutter speed with red-eye reduction flash ON (◉ ◪ ϟ)**
It is possible to take subjects and background in a balanced way by using the flash to properly expose the foreground subject and a slow speed to expose the low light background.

Red eye-reduction flash
To reduce red-eye caused by light from the flash being reflected in the subject's eyes.
The flash discharges once to make the subject's pupils contract prior to firing the main flash.

- Use a of tripod is recommended to avoid camera shake at slow shutter speeds.
- Closing the lens protector cancels the mode and return to Auto flash mode (Normal mode).
- Do not place your hand on the flash when it is discharging as there is a risk of burns.

10-3. Focus-lock shooting
When the main subject is not in the focus frames.

1. Aim the focus frames to main subject and press the shutter release button halfway down.
2. While holding the shutter release button halfway down and then re-aim the camera to your desired compose, then press the shutter release button fully to take a picture.

For Customers in USA

For Customers in Canada